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## WHAT IS CLAIMED IS:

1. A method for providing self-issuing certificates in a device in a telecommunications system, the method comprising

receiving, from an external source, a request to generate a new certificate, wherein the request includes an encrypted public key;

using a secure microprocessor to generate a new certificate that uses the public key; and

using the new certificate in data transfers.

2. The method of claim 1, wherein the request includes a validity time, the method further comprising

including the validity time in the new certificate.